AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1. **(CURRENTLY AMENDED)** A recombinant plasmid, comprising:

(a) ~~a~~ an ubiquitous promoter,

(b) a first~~one~~ fluorescent gene~~, said gene being~~ operably linked to and inserted downstream of said ubiquitous promoter,

(c) a tissue-specific ~~skin-specific or muscle-specific~~ promoter, and

(d) a second~~another~~ fluorescent gene~~, said gene being~~ operably linked to and inserted downstream of the tissue specific ~~said skin-specific or muscle-specific~~ promoter, wherein the ubiquitous promoter and the tissue-specific~~skin-specific or muscle-specific~~ promoter have the adverse directional property and the ubiquitous promoter and the tissue-specific ~~skin-specific or muscle-specific~~ promoter are located upstream of the first and second~~said~~ fluorescent gene~~s and said another fluorescent gene~~ respectively so as to have the directional property which permits transcription of said genes.

2. **(ORIGINAL)** The recombinant plasmid of claim 1, wherein said ubiquitous promoter is selected from the group consisting of β-actin, elongation-1-α, 18 S-rDNA and 5S-rDNA.

3. **(CURRENTLY AMENDED)** The recombinant plasmid ~~of~~ according to claim 1, wherein:

the tissue-specific~~said skin-specific or muscle-specific~~ promoter is selected from a~~the~~ group consisting of α-actin, troponin T, Troponin C, myosin heavy chain, cytokeratin ~~cytokarotin~~ type II C and S-100.

4. **(ORIGINAL)** A host cell, comprising the plasmid of claim 1.

5. **(CURRENTLY AMENDED)** A method of producing a transgenic fish~~, said method~~ comprising:

a) introducing ~~the~~ a plasmid according to ~~of~~ claim 1 into a fish egg cell or embryonic cell to form a transgenic cell; and

b) allowing the ~~egg cell or embryonic cell~~transgenic cell to develop into a fish in which the ~~, wherein the~~ plasmid ~~of claim 1~~ is incorporated ~~introduced~~ into the genome of the fish.

6. **(CURRENTLY AMENDED)** The transgenic fish according to ~~of~~ claim 5, wherein:

the fish is selected from a~~the~~ group consisting of mekada, zebrafish, discus, goldfish, killifish, cichlid, guppy, arowana, koi and show betta.

7. **(CURRENTLY AMENDED)** A transgenic fish comprising:

a genome incorporating a plasmid according to claim 1 that includes~~, which comprises~~

(a) an ubiquitous promoter,

(b) a first ~~one~~ fluorescent gene ~~, said gene being~~ operably linked to and inserted downstream of said ubiquitous promoter,

(c) a tissue-specific~~skin-specific or muscle-specific~~ promoter, and

(d) a second ~~another~~ fluorescent gene~~, said gene being~~ operably linked to and inserted downstream of ~~said~~ the tissue-specific~~skin-specific or muscle-specific~~ promoter, wherein the ubiquitous promoter and the tissue-specific~~skin-specific or muscle-specific~~ promoter have the adverse directional property and the ubiquitous promoter and the tissue-specific~~skin-specific or muscle-specific~~ promoter are located upstream of ~~said~~ the first and second fluorescent genes ~~and said another fluorescent gene~~ respectively so as to have the directional property which permits transcription of said genes.

8. **(CURRENTLY AMENDED)** The transgenic fish according to ~~of~~ claim 7, wherein: the first and second ~~said~~ fluorescent genes are~~is~~ independently selected from a~~the~~ group consisting of green, red, yellow and blue fluorescent genes.

9. **(CURRENTLY AMENDED)** The transgenic fish ~~of~~ according to claim 8, wherein: the first and second ~~said~~ fluorescent genes are independently ~~is~~ selected from a~~the~~ group consisting of green fluorescent genes and red fluorescent genes.

10. **(CURRENTLY AMENDED)** A method of producing a transgenic fish that expresses two different fluorescent genes simultaneously~~, said method comprises~~ comprising ~~the following steps~~:

a) restricting ~~the~~ a plasmid ~~of~~ according to claim 1 with restriction enzymes in appropriate restriction sites to obtain ~~two~~ plasmid fragments I and II, wherein ~~said~~ the plasmid fragment I contains the ubiquitous promoter and the first fluorescent gene~~fragments a) and b) as defined in claim 1~~ and the~~said~~ plasmid fragment II contains the tissue-specific promoter and the second fluorescent gene~~fragments c) and d) as defined in claim 1~~;

b) introducing both~~each~~ of said plasmid fragments I and II ~~of step a)~~ into a fish egg cell or an embryonic cell to form a transgenic cell~~respectively~~;

c) allowing the transgenic cell to develop into the transgenic ~~said~~ fish in which both ~~to express the~~ the first fluorescent gene of plasmid fragments~~s~~ I and the second fluorescent gene of plasmid fragment II are expressed simultaneously.

11. **(CURRENTLY AMENDED)** The method of producing a transgenic fish according to claim 10, wherein ~~said~~ the first and second fluorescent genes are independently ~~is~~ selected from a~~the~~ group consisting of green, red, yellow and blue fluorescent genes.

12. **(CURRENTLY AMENDED)** The method of producing a transgenic fish according to claim 11, wherein the first and second~~said~~ fluorescent genes are ~~is~~independently selected from a~~the~~ group consisting of green fluorescence genes and red fluorescent genes.

13. **(NEW)** The transgenic fish according to claim 7, wherein:

the first and second fluorescent genes encode for peptides that exhibit fluorescence of different colors.

14. (NEW) The recombinant plasmid according to claim 1, wherein:

the tissue-specific promoter is selected from a group consisting of skin-specific promoters and muscle-specific promoters.

15. (NEW) The recombinant plasmid according to claim 1, wherein:

the first and second fluorescent genes are independently selected from the group consisting of green, red, yellow and blue fluorescent genes.

16. (NEW) The recombinant plasmid according to claim 1, wherein:

the first and second fluorescent genes are independently selected from the group consisting of green fluorescent genes and red fluorescent genes.

17. (NEW) The recombinant plasmid according to claim 1, wherein:

the first and second fluorescent genes are different.

18. (NEW) The transgenic fish according to claim 7, wherein:

the first and second fluorescent genes encode for first and second peptides that exhibit fluorescence of different colors.

19. (NEW) The method of producing a transgenic fish according to claim 5, wherein: both the first and second fluorescent genes are expressed in the transgenic fish and encode for first and second peptides that exhibit fluorescence of different colors.

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